

# ASSIGNMENT 1

Textbook Assignment: "Environmental Communications," "Environmental Software Programs," and "Administration", chapters 1, 2, and 3, pages 1-1 through 3-11.

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| <p>1-1. What publication governs security procedures for the United States Navy?</p> <ol style="list-style-type: none"><li>1. OPNAVINST 5510.1</li><li>2. NTP3</li><li>3. SECNAVINST 5210.11</li><li>4. NAVMETOCCOM Security Manual</li></ol> <p>1-2. Which of the following special-handling markings is used to identify unclassified material that must not be released to the public?</p> <ol style="list-style-type: none"><li>1. NOFORN</li><li>2. LIMDUS</li><li>3. FOUO</li><li>4. WNINTEL</li></ol> <p>1-3. The Defense Switched Network (DSN) is not a secure telephone system.</p> <ol style="list-style-type: none"><li>1. True</li><li>2. False</li></ol> <p>1-4. In which of the following situations may classified information be discussed over a STU-III telephone?</p> <ol style="list-style-type: none"><li>1. Whenever connected to any other telephone</li><li>2. When connected to another STU-III unit only</li><li>3. Only when used on the DSN network</li><li>4. Only when using the Secure Telephone Network</li></ol> | <p>1-5. When carried on mobile operations, what component of the STU-III system must be left in secure storage at the home base?</p> <ol style="list-style-type: none"><li>1. STU-III terminal</li><li>2. STU-III modem</li><li>3. Seed key</li><li>4. CIK key</li></ol> <p>1-6. Which of the following terms describes computer hubs that direct Internet traffic to its proper destination?</p> <ol style="list-style-type: none"><li>1. LANs</li><li>2. Links</li><li>3. Websites</li><li>4. Servers</li></ol> <p>1-7. Which of the following terms is used to describe commercial software designed to directly access websites using a URL?</p> <ol style="list-style-type: none"><li>1. Web browser</li><li>2. Search engine</li><li>3. World Wide Web</li><li>4. Protocol</li></ol> <p>1-8. Which of the following networks represents the military's unclassified Internet routing network?</p> <ol style="list-style-type: none"><li>1. Wide Area Network</li><li>2. NIPRNET</li><li>3. SIPRNET</li><li>4. World Wide Web</li></ol> |
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- 1-9. What information must be included in an e-mail address?
1. User name and host name of destination computer
  2. Host name of destination computer only
  3. Internet protocol type
  4. User name and homepage of the destination website
- 1-10. Which agency is responsible for coordinating and validating Navy and Marine Corps AWN data requirements?
1. NAVO
  2. FNMOC Monterey
  3. FNMOD Tinker
  4. CNMOC
- 1-11. In the symbolic format of a MANOP header, what letters identify the geographical area covered by the information in the product?
1. First two of first group: TT
  2. Second two of first group: AA
  3. All four in second group: CCCC
  4. First two of third group: YY
- 1-12. Which of the following AWN messages contain items of interest to aviators, such as temporary runway closures?
1. TBUS
  2. ARQ
  3. AXXX
  4. NOTAMS
- 1-13. Which of the following functions is NOT provided with MIDDS?
1. A briefing station
  2. A METOC products distribution station
  3. an environmental workstation
  4. A tactical workstation
- 1-14. The MIDDS Dial RX Receiver module is used primarily to receive what type of product?
1. Radar images
  2. NWS forecast bulletins
  3. AWN data
  4. Mercator projection maps
- 1-15. The SAND application in MIDDS is used to display what type(s) of information?
1. AWN data
  2. ASOS data
  3. Satellite and radar images
  4. Briefing slides
- 1-16. What MIDDS application software tool can provide temperature trend graphs for your station?
1. ASOS communications link
  2. Briefing Support
  3. SAND
  4. FOS
- 1-17. Which of the following systems acts as a security screen for incoming and outgoing AUTODIN messages?
1. NAVCOMPARS
  2. Defense Message System (DMS)
  3. Gateguard
  4. Global Command and Control System (GCCS)
- 1-18. Message Text Format (MTF) editor is the message formatting software used by the Navy.
1. True
  2. False

- 1-19. What publication provides instructions for completing USMTF formatted messages and free form messages?
1. OPNAVINST 5510.1
  2. JANAP 128
  3. NWP 1-03.1
  4. NTP-3
- 1-20. For transmission via AUTODIN, which of the following message types must follow USMTF GENADMIN guidelines?
1. LOGREQs
  2. MOVREPs
  3. Casualty reports
  4. General administrative messages
- 1-21. In the message precedence and date-time group 0 271135Z APR 99, what is the precedence?
1. Routine
  2. Priority
  3. Immediate
  4. Flash
- 1-22. OCEANO EAST is an example of a/an
1. AIG
  2. PLA
  3. ALCOM
  4. CAD
- 1-23. When, if ever, must a narrative line be included in a GENADMIN message?
1. Every time a reference is used
  2. Every time two or more references are used
  3. Only after a reference that is also a reference in another GENADMIN message
  4. Never, because the use of a narrative line is strictly optional
- 1-24. Which of the following meteorological conditions would automatically exempt a weather observation from MINIMIZE?
1. Maximum observed wind speed in the last 6 hours was 32 knots
  2. Light snow is occurring
  3. The average swell wave height is 12 feet at the time of observation
  4. Visibility has decreased to 1 3/4 mile in the last hour
- 1-25. You are manning the PMSV radio. A pilot calls and asks for the current observation at a different station. You need 30 to 40 seconds to retrieve that information. What should your reply be to the pilot?
1. STANDBY, OVER
  2. ROGER, WAIT, OUT
  3. WILCO
  4. ROGER, OUT
- 1-26. What type of information must NOT be relayed over the PMSV radio?
1. U.S. Navy ship positions
  2. U.S. Navy ship TAFs
  3. Military airfield call signs
  4. Military aircraft call signs
- 1-27. What is the main function of TESS?
1. To evaluate the accuracy of scientific environmental models
  2. To assess the threat characteristics of hostile platforms
  3. To access dedicated METOC telecommunications channels
  4. To assess the effects of the environment on fleet platforms, weapons, and sensors

- 1-28. What is the major difference between TESS-NC Transition and older versions of TESS?
1. The introduction of shock-isolated equipment cabinets
  2. Internet access
  3. Direct interface with the SMQ-11 satellite receiver
  4. Ingest capability for SMOOS data
- 1-29. NITES I is a designation of which of the following systems?
1. TESS-NC
  2. MIDDs
  3. IMOSS
  4. TESS-NC Transition
- 1-30. The software segment of the Global Command and Control System-Maritime (GCCM-M) is part of what NITES subsystem?
1. NITES I
  2. NITES II
  3. NITES III
  4. NITES IV
- 1-31. The IMOSS system is designed for what segment of METOC support?
1. Afloat OA divisions
  2. NAVMETOCCOM activities overseas
  3. MET members and METMF members
  4. METOC regional centers
- 1-32. What is the primary function of the IMOSS communications module?
1. Copy alphanumeric data and weather facsimile data
  2. Copy APT and WEFAX satellite imagery
  3. Run GFMPPL software
  4. Process AUTODIN messages
- 1-33. Environmental data from the Awn system is forwarded to naval ships as part of a secure communications system known as
1. AUTODIN
  2. MET ASSIST
  3. AFMEDS
  4. FMCB
- 1-34. Which NAVMETOC regional center is responsible for maintaining the Sixth Fleet Environmental Broadcast?
1. NPMOC West Guam
  2. NPMOC Pearl Harbor
  3. NLMOC Norfolk
  4. NEMOC Rota
- 1-35. What organization maintains an HF facsimile broadcast of National Weather Service charts?
1. U.S. Air Force
  2. U.S. Coast Guard
  3. Department of Defense
  4. Department of Commerce
- 1-36. Which of the following publications is most useful for obtaining meteorological broadcast radio frequencies?
1. NAVMETOCCOMINST 3140.1
  2. Worldwide Marine Radiofacsimile Broadcast Schedules
  3. Facsimile Products Catalog
  4. Weather Message Index
- 1-37. If your TR4 minifax recorder is producing skewed images, what must you do to correct the problem?
1. Replace the preamplifier
  2. Reink the thermal print head
  3. Adjust the Lines Per Minute (LPM) setting
  4. Adjust the stylus belt

- 1-38. What radio receiver is the replacement for the R-1051/URR series radios?
1. AN/WRR-3
  2. R-390/URR
  3. R-2368/URR
  4. R-3500/URR
- 1-39. If the "X" patterns in the CRT window of a CV-483 is shifted below the inscribed guidelines, what must you do to optimize the signal?
1. Frequency should be lowered
  2. Frequency should be raised
  3. Signal level should be decreased
  4. Signal level should be increased
- 1-40. What models of the AN/UGC-143 Navy Standard Teleprinter (NST) are equipped with a bulk storage module?
1. RO2 and ASR
  2. RO1 and RO2
  3. ASR and KSR
  4. ASR only
- 1-41. What agency is responsible for maintaining the OAML models and data bases?
1. NAVO Stennis Space Center
  2. FNMOC Monterey
  3. FNMOD Asheville
  4. NAVICE Suitland
- 1-42. What is GF MPL?
1. A collection of atmospheric and oceanographic software applications
  2. A program sponsored by Commander, Naval Meteorology and Oceanography Command
  3. A program to collect, evaluate, and incorporate new software applications
  4. All of the above

- 1-43. The analyses and predictions of GF MPL are based upon which of the following sources?
1. On-scene data
  2. Historical data
  3. Both 1 and 2 above
  4. AUTODIN message

- 1-44. Which of the following GF MPL programs produces horizontal contours of ocean temperature, sound speed, and salinity?
1. NAVSAR
  2. B S C
  3. G A P
  4. SURF

IN ANSWERING QUESTIONS 1-45 THROUGH 1-47, REFER TO TABLE 2-3 IN THE TRAMAN. THIS TABLE REPRESENTS TESS (3) ENVIRONMENTAL PROGRAMS.

- 1-45. What TESS (3) environmental program is used to compute ballistic wind and density correction values for naval gunfire support?
1. ARPGEN
  2. RIA
  3. BALWIN
  4. SOCUS
- 1-46. What TESS (3) environmental program provides the capability to determine how an EM system will perform while detecting or communicating with a given target or receiver?
1. RADFO
  2. ODA
  3. COVER
  4. LOSS

1-47. What TESS (3) environmental program calculates sound transmission loss as a function of range, frequency, source depth, and receiver depth?

1. PPL
2. ODA
3. BGV
4. PCS

1-48. Commercial web browsers are included with the TESS-Next Century suite of software?

1. True
2. False

1-49. Which software program in TESS-Next Century is used to produce sound speed profiles, acoustic raytraces, and passive acoustic propagation loss displays?

1. SMOOS
2. EOTDA
3. SAND
4. SIIP

1-50. Refraction effects prediction programs are designed for what purpose?

1. Performance assessment of sonar systems
2. Performance assessment of radar systems
3. Performance assessment of electro-optical systems
4. Performance assessment of hazard avoidance systems

1-51. What is the most significant advantage of AREPS over IREPS?

1. AREPS has a faster run time
2. AREPS can be used for refractive predictions over land
3. AREPS can be used in conjunction with satellite data
4. AREPS can compute ranges for multiple bearings at one time

1-52. The EOTDA program supports systems operating in what portion(s) of the electromagnetic spectrum?

1. X-ray and ultraviolet
2. Visible and infrared
3. Radio only
4. Radio and microwave

1-53. What type of satellite imagery can be retrieved from NODDS?

1. GOES 8 and 9
2. METEOSAT and GOES
3. DMSP
4. TIROS N

1-54. How many data fields can be downloaded onto a single NODDS chart?

1. One
2. Three
3. Five
4. Seven

1-55. Products from the Joint METOC Viewer (JMV) are obtained via what method?

1. Commercial telephone
2. Satellite broadcast
3. HF facsimile broadcast
4. Internet

1-56. Joint METOC Viewer (JMC) products are disseminated by which of the following activities?

1. NAVMETOC regional centers and FNMOC Monterey
2. FNMOC only
3. Air Force Weather Agency (AFWA)
4. National Weather Service (NWS)

- 1-57. The Optimum Path Aircraft Routing System (OPARS) selects the best route and altitude for an aircraft to reach a destination.
1. True
  2. False
- 1-58. Within the OPARS system, where can information on aircraft performance characteristics be found?
1. Communications interface
  2. Flight planner/environmental data base
  3. OPARS data base
  4. NOGAPS data
- 1-59. How often are updates to the OPARS data base released?
1. Every 7 days
  2. Every 28 days
  3. Quarterly
  4. Semiannually
- 1-60. A commonly used OPARS air route that is saved for future use is known by what term?
1. Predefined route
  2. Jet-route
  3. Multi-use route
  4. Canned route
- 1-61. Which of the following DRP products provides an alphanumeric BT/SVP profile for a specific location and also includes several other oceanographic parameters?
1. ENVR
  2. SNDFO
  3. BTXT
  4. BALW
- 1-62. The SPOUT product provides what type of information?
1. Satellite imagery
  2. Tropical cyclone evasion recommendations
  3. Hourly observation reports
  4. Acoustic propagation loss data
- 1-63. Which term describes a directive that can remain in effect for a maximum of one year?
1. Record
  2. Instruction
  3. Notice
  4. Change transmittal
- 1-64. Which term is defined as evidence of a government agency's function, organization, procedures, and operations?
1. Record
  2. Instruction
  3. Notice
  4. Change transmittal
- 1-65. Which term describes a directive that remains in effect until superseded or canceled?
1. Record
  2. Instruction
  3. Notice
  4. Change of transmittal
- 1-66. Which term describes a directive that is used to correct, update, or modify an existing product?
1. Record
  2. Instruction
  3. Notice
  4. Change transmittal

1-67. An instruction that contains information on general administration would be filed using which of the following SSIC major-subject code groups?

1. 1100 to 1974
2. 3000 to 3999
3. 5000 to 5999
4. 9212 to 9800

1-68. Which of the following directives provides a listing of effective Naval Meteorology and Oceanography Command instructions?

1. SECNAVINST 5210.11
2. NAVMETOCCOMINST 5215
3. NAVMETOCCOMINST 3142.1
4. OPNAVNOTE 5215

1-69. Which of the following records would be classified as temporary?

1. Upper air observations
2. Training reports
3. Bathythermograph observations
4. MET trip reports

1-70. What term refers to the period of time that information must be kept available for reference before being destroyed or transferred?

1. Cut-off date
2. Retention period
3. Disposal date
4. Transfer period

1-71. What would be the cut-off date for a file containing budgetary information?

1. December 31
2. January 01
3. September 30
4. October 01

1-72. What is the first task you must complete when assigned to maintain command files?

1. Establish all new files
2. Destroy all temporary material
3. Arrange all file folders in SSIC order
4. Inventory all current files

1-73. Unless specifically stated, which of the following change transmittal types would not actually be made throughout the instruction?

1. Repetitive changes
2. Pen changes
3. Paste-in changes
4. Page changes

1-74. Which of the following publications or directives identifies required publications for various Naval Meteorology and Oceanography Command activities?

1. Master Publications Allowance List
2. NAVMETOCCOMINST 3140.1
3. NAVOCEANO RP-50
4. OPNAVNOTE 5215

1-75. Which of the following activities is the best place to obtain climatological information?

1. FNMOC Monterey
2. Naval Oceanographic Office
3. Federal Records Center
4. FNMOD Asheville